

## REPLACEMENT SHEET

*FIG. 6*

EXAMPLE OF INTERRUPT RESPONSE PROCESSING TIME
--

TOTAL 13 STATES

8 STATES
----------

5
---

PARALLEL PROCESSING BY HARDWARE (CPU)

8 STATES: TIME FROM THE OCCURRENCE OF INTERRUPT TO THE FETCHING  
OF A FIRST INSTRUCTION OF AN INTERRUPT SERVICE ROUTINE  
(INTERRUPT EXCEPTION PROCESSING)

5 STATES: REGISTER SAVE TIME

EXAMPLE OF INTERRUPT RETURN PROCESSING TIME
--

TOTAL 9 STATES

5	4
---	---

ISSUANCE OF INSTRUCTION BY SOFTWARE (INTERRUPT SERVICE ROUTINE)

5 STATES: REGISTER RETURN TIME (RESBANK INSTRUCTION)

4 STATES: TIME FROM THE END OF AN INTERRUPT SERVICE ROUTINE TO  
THE RETURN TO INTERRUPT SOURCE (RTE INSTRUCTION)